

MSG 189 - BLUE FD13 CM-2 MIST SEAL OFF MIST GC LINE

1 CM-2 MIST IFM-12 SEAL OFF MIST GAS CHROMATOGRAPH LINE

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3 1. Perform AP-17 MIST TUBE LEAK CHECK (CM-2 EOC, pg 7-34), steps 1-12

4 CM-2 2. Unstow Kapton tape

5 Tool Kit

6 3. Cut two six-inch pieces
Temp stow at CM-2 rack

7 4. Refer to the diagram below of the GC sample line

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11 MIST 5. Bend the GC sample tube approximately 4 inches from the GC sample line connector
12 EMS and squeeze very tightly, producing a tight kink in the tubing (like you would with
13 a garden hose to stop water flow)

14 6. While maintaining a tight squeeze on the kink, wrap at least 3 complete wraps of
15 Kapton tape around the kink in the tube

16 7. Place a second kink in the GC sample line tube approximately 4 inches from the first
17 kink and wrap with Kapton tape as in steps 5 and 6 above

18 8. Stow the GC sample line connector and tubing within the EMS on the provided
19 stowage clip

20 9. Perform AP-17 MIST TUBE LEAK CHECK (CM-2 EOC, pg 7-37), steps 19-32

21 CM-2 10. Stow Kapton tape

22 Tool Kit

23 11. Perform MIST START-UP (CM-2 EOC, pg 4-7), steps 1-21, placing valves in
proper configuration as needed

24 12. Perform MIST START-UP (CM-2 EOC, pg 4-9), step 29

25 CM-2 13. Select 'Shortcut / VerifyTP'

26 PGSC

14. From Pulldown Menu, select 01M

27 15. Edit TPID to 81M

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- CM-2 PGSC
- 16. Edit Rev to 2
 - 17. Edit Tube Evac Pressure to 450
 - 18. Select 'Download'
 - 19. Select 'Shortcut / VerifyTP'
 - 20. Select 'Pass'
 - 21. Select 'ManCntrl / Software Control / Overrides'
 - 22. Select 'Yes'
 - 23. Select 'Mist Manual Control' Tab
 - 24. Select 'Evac Flame Tube' under 'Mist Sequences'
 - 25. Notify MCC of results

WARNING
CHAMBER ACCESS (CLOSE CHAMBER) Cue Card
(CM-2 EOC, CUE CARDS), pg 6-5 must be performed
prior to further CM-2 operations.